



6. Abdomen with large black clouds on fourth and sixth segments; lateral pieces of male genitalia shaped like the end of a finger.....*vitticolle* Cresson  
Abdomen without black clouds on fourth and sixth segments; lateral pieces of male genitalia spoonlike .....*motaguense*, new species.
7. Wings entirely hyaline..... 8  
Wings tipped with dilute fuliginous..... 10
8. Metathorax black, with four yellow stripes.....*texanum* Cresson.  
Metathorax yellow, with the median excavated space and a line or spot on each side black..... 9
9. Small, anterior wing under 5 mm. long; Cuba; also collected by Busck at Bayamon, Porto Rico.....*annulatum* Cresson.  
Much larger; anterior wing about 10 mm. long; Mexico and Central America  
*mexicanum* Cresson.
10. Hind tarsi and tibiae yellow; metathorax with three black stripes.  
*atrovittatum* Cresson.  
Hind tarsi and tibiae with much black..... 11
11. Length about 17 mm.; wings hyaline except for apical cloud ....*aztecum* Cresson  
Length over 25 mm.; wings conspicuously dusky.....*forte*, new species.

**EIPHOSOMA SCHWARZI**, new species.

*Female*.—Length about 11 mm. Anterior wing about  $5\frac{1}{2}$  mm.; structure and general type of markings as usual in the genus; wings clear hyaline, broadly fuliginous at tip, the areolet entirely absent; first recurrent nervure with a strong double curve; antennae black, yellow at base beneath; ground color of head and thorax light chrome yellow; face wholly yellow below antennae; mandibles dark red at the sharply bidentate apex; ocellar region, middle of front and occiput black; mesothorax black with an elongated U in yellow, the lateral black lobes smooth and hardly punctured except in front; scutellum yellow; mesopleura with an oblique black band; metathorax yellow with a broad median band, which does not reach the base; anterior and middle legs light ferruginous; hind femora red with a blackish shade toward base, and a dark saddle-like mark before apex, the single tooth below this cloud; hind tibiae with more than the median third ferruginous, the rest black; hind tarsi black; abdomen nearly as in *E. mexicanum*, but first joint rather shorter in proportion, and joints beyond middle clouded with black.

*Habitat*.—Cacao, Trece Aguas, Alta Vera Paz, Guatemala, April 14, 1906 (Barber and Schwarz).

*Type*.—Cat. No. 15678, U.S.N.M.

**EIPHOSOMA LACTEUM**, new species.

*Female*.—Length about 9.5 mm. Anterior wing a little over 5 mm.; structure and markings ordinary, but wings milky hyaline, very white, with the areolet long, petiolate and excessively minute; antennae black, yellow beneath at base, and the first three flagellar joints narrowly ringed with pale at apex below; ground color of head and thorax rather pale yellow; mesothorax black with sublateral and

marginal yellow bands, the lateral black areas strongly punctured all over; scutellum yellow; mesopleura with a broad black band; metathorax with a broad median black band, in the middle of which is a deep narrow sulcus; at anterior corners of metathorax is a quadrate black patch; anterior and middle legs light ferruginous; hind legs peculiarly colored, their trochanters with femora having the basal half black, interrupted by a cream-colored annulus, which becomes an elongated stripe beneath its apical part on the femur; beyond the black the femora are swollen, with chestnut red, with a black subapical saddle and the apex cream color; the single tooth is below the beginning of the subapical black; hind tibiæ black with a broad yellowish white annulus; hind tarsi black; abdomen ferruginous, strongly blackened dorsally; apex of second segment above broadly ferruginous.

*Habitat*.—Minatitlan, Mexico, February 1, 1892 (H. Osborn).

*Type*.—Cat. No. 15679, U.S.N.M.

**EIPHOSOMA MOTAGUENSE, new species.**

*Male*.—Length about 17 mm. Anterior wing about 8 mm.; structure and markings ordinary, but mesopleura clear yellow without dark markings; head and antennæ colored as in *E. lacteum*; ground color of head and thorax lemon yellow; mesothorax with three broad black bands, the lateral ones rather sparsely punctured and nearly reaching the anterior border; scutellum yellow; metathorax with a median black band, and the suture anteriorly bounding it black; areolet petioled, but rather large; apex of the anterior wings with a very faint dusky tint, hardly noticeable; anterior and middle legs pale ferruginous, yellow basally; hind legs with first trochanters ferruginous, second cream colored, each blackened or darkened above; hind femora rich chestnut red, broadly black above near base and with a large black subapical saddle, beyond which, on upper side, is a pallid patch; the single spine formed as usual, well developed; hind tibiæ black with the middle broadly ferruginous, especially beneath, their tarsi black; abdomen deep ferruginous, segments 4 to 7 without black patches.

*Habitat*.—Quirigua, Motagua Valley, Guatemala, 1912 (Wilmatte P. Cockerell).

*Type*.—Cat. No. 15680, U.S.N.M.

**EIPHOSOMA FORTE, new species.**

*Male*.—Length about 28 mm., anterior wing about 15 mm.; structure and markings ordinary, but size very large and black on thorax greatly developed; ground color of head and thorax reddish-yellow; teeth of the bidentate mandibles black; flagellum of antennæ black; mesothorax black with yellow subdorsal and lateral stripes, the

subdorsal expanded anteriorly, the expanded part smooth, punctate only along its upper margin; the black areas of mesothorax coarsely but not very closely punctate; sides of thorax with a broad-margined black triangle, which would be open on the inferior posterior side but for a large black patch placed before the opening; scutellum honey-yellow; metathorax broadly black at base, with also a broad black median band, expanded apically, and the sides broadly black; wings strongly brownish, the apices dilute fuliginous, areolet large and transversely elongate, briefly petiolate; anterior and middle legs light ferruginous, yellow basally; hind legs with the first trochanters black, ferruginous at the pointed apex above, second trochanters ferruginous above and broadly yellow beneath; femora very black, except at apex and extreme base, but a dark red narrow stripe above and most of the under side broadly dark red, the single tooth very strong, placed as usual; hind tibiæ reddish yellow, broadly black at base and apex, their tarsi black; abdomen with a black stripe above; basal half of first segment reddish-yellow; sixth and seventh segments with a large black or blackish saddle; lateral plates of genitalia large, elongated, parallel sided, the basal half red, the apical half black.

*Female*.—Similar to the male except in the usual generic characters; areolet smaller; subapical abdominal segments black above but without the broad saddle-like patches.

*Habitat*.—Mexico, one of each sex, the female labeled 384. The male is the type. No other data are available.

*Type*.—Cat. No. 15681, U.S.N.M.

*Eiphosoma* Cresson has been altered to *Xiphosoma* by certain authors,<sup>1</sup> but this is contrary to the rules, and also impossible on account of the long prior use of the name *Xiphosoma* by Spix for a reptile.

I am much indebted to Mr. S. A. Rohwer of United States Bureau of Entomology for references to literature and other assistance.

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<sup>1</sup> See Krieger, Zeitschr. Hym. Dipt., vol. 3, p. 291; Szépligeti, *Genera Insectorum, Hymenoptera, Ophionoidæ*, p. 4.